

IN THE SPECIFICATION

Page.1: Replace paragraph [0004] as follows:

[0004] Fig. 1 illustrates a quadrupole ion trap as described in U.S. Patent No. 5,198,665. The quadrupole ion trap 1 employs a ring electrode 2 of hyperbolic configuration which is connected to a radio frequency [traveling] trapping field generator 7. A digital to analog converter (DAC) 10 is connected to the RF trapping field generator 7 for controlling the amplitude of the output voltage 11. Hyperbolic end caps 3 and 3' are connected to coil 4 of a coupling transformer 8 having a center tap 9 connected to ground. The transformer 8 secondary winding is connected to a fixed frequency generator 5 and to a fixed broadband spectrum generator 6. Controller 12 is connected to digital to analog converter (DAC) 10 via connector 18 and the three generators 5, 6 and 7 via connectors 13, 14 and 19 respectively, to manage the timing of the quadrupole ion trap sequences.